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25 Chai	
26	Simon Holdsworth, IBM
27 Edito 28	or(s): Simon Holdsworth, IBM
29	Khanderao Kand, Oracle
30	Anish Karmarkar, Oracle
31	Sanjay Patil, SAP
32	Piotr Przybylski, IBM
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- Service Component Architecture Policy Framework Specification Version 1.1

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41 http://docs.oasis-open.org/ns/opencsa/sca/200712

42Abstract:

- The SCA Web Service binding specified in this document applies to the services and references of an SCA composites. It defines the manner in which a service can be made available as a web
- service, and in which a reference can invoke a web service.
- This binding is a WSDL-based binding; that means it either references an existing WSDL binding or allows one to specify enough information to generate one. When an existing WSDL binding is not referenced, rules defined in this document allow one to generate a WSDL binding.

49Status:

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Table of Contents

	OC \o "1-9" \t "Heading 9;9;Heading 8;8;Heading 7;7;Heading 6;6 3;Heading 2;2;Heading 1;1;AppendixHeading1;1;AppendixHeadin	
	roduction	
113	1.1 Terminology	5 HYPERLINK \I "_Toc223754318"
114	1.2 Normative References	6 HYPERLINK \I "_Toc223754319"
115	1.3 Non-Normative References	6 HYPERLINK \I "_Toc223754320"
116 <mark>2</mark>	Web Service Binding Schema	7 HYPERLINK \I "_Toc223754321"
117	2.1 Endpoint URI resolution	8 HYPERLINK \I "_Toc223754322"
118	2.2 Interface mapping	9 HYPERLINK \I "_Toc223754323"
119	2.3 Production of WSDL description for an SCA service	9 HYPERLINK \I "_Toc223754324"
120	2.4 Additional binding configuration data	9 HYPERLINK \I "_Toc223754325"
121	2.5 Web Service Binding and SOAP Intermediaries	9 HYPERLINK \I "_Toc223754326"
122	2.6 Support for WSDL extensibility	9 HYPERLINK \I "_Toc223754327"
123	2.7 Intents listed in the bindingType	10 HYPERLINK \I "_Toc223754328"
124	2.8 Intents and binding configuration	10 HYPERLINK \I "_Toc223754329"
125 <mark>3</mark>	Web Service Binding Examples	11 HYPERLINK \I "_Toc223754330"
126	3.1 Example Using WSDL documents	11 HYPERLINK \I "_Toc223754331"
127	3.2 Examples Without a WSDL Document	12 HYPERLINK \I "_Toc223754332"
128	3.3 Example PolicySet Providing The Conversation Intent	13 HYPERLINK \I "_Toc223754333"
129 4	Transport Binding	14 HYPERLINK \I "_Toc223754334"
130	4.1 Intents	14 HYPERLINK \I "_Toc223754335"
131	4.2 Default Transport Binding Rules	14 HYPERLINK \I "_Toc223754336"
132	4.2.1 WS-I Basic Profile Alignment	14 HYPERLINK \I "_Toc223754337"
133	4.2.2 Default Transport Binding Rules	
1345	Conformance	16 HYPERLINK \I "_Toc223754339"
135 H	YPERLINK \I "_Toc223754340"A. Web Services Binding Schem	ıa17
136 H	YPERLINK \I "_Toc223754341"B. Appendix - WSDL Generation	118
137 H	YPERLINK \I "_Toc223754342"C. Acknowledgements	19
138 H	YPERLINK \I "_Toc223754343"D. Non-Normative Text	20
139 E .	Revision History	21
140		
141		
142		

1431 Introduction

- 144 The SCA Web Service binding specified in this document applies to the services and
- references of composites and components [SCA-Assembly]. It defines the manner in
- which a service can be made available as a web service, and in which a reference can
- 147 invoke a web service.
- 148 This binding is a WSDL-based binding; that means it either references an existing WSDL
- binding or can be configured to specify enough information to generate one. When an
- existing WSDL binding is not referenced, rules defined in this document allow one to
- generate a WSDL binding.
- 152 The Web Service binding can point to an existing WSDL [WSDL] document, separately
- authored, that specifies the details of the WSDL binding to be used to provide or invoke
- the web service. In this case the SCA web services binding allows anything that is valid
- in a WSDL binding, including rpc-encoded style and binding extensions. It is the
- responsibility of the SCA system provider to ensure support for all options specified in
- the WSDL binding. Interoperation of such services is not guaranteed.
- 158 The SCA Web Service binding also provides attributes that can be used to provide the
- details of a WSDL SOAP binding. This allows a WSDL document to be synthesized in the
- case that one does not already exist. In this case only WS-I compliant mapping is
- 161 supported.
- 162 The SCA Web Service binding can be further customized through the use of SCA Policy
- Sets. For example, a requirement to conform to a WS-I profile [WSI-Profiles] could be
- represented with a policy set.

165**1.1 Terminology**

- The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD",
- 167 "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be
- interpreted as described in [HYPERLINK \I "_Toc223754343"D. Non-Normative Text
- 169 20].
- 170 This specification uses predefined namespace prefixes throughout; they are given in the
- following list. Note that the choice of any namespace prefix is arbitrary and not
- 172 semantically significant.
- 173 Table 1-1 Prefixes and Namespaces used in this specification

Prefix	Namespace	Notes
xs	"http://www.w3.org/2001/XMLSchema"	Defined by XML Schema 1.0 specification
wsa	"http://www.w3.org/2005/08/addressing"	Defined by WS-Addressing 1.0
wsp	"http://www.w3.org/ns/ws-policy"	Defined by WS-Policy 1.5
wsrmp	"http://docs.oasis-open.org/ws-rx/wsrmp/200702"	Defined by WS-ReliableMessaging Policy 1.2
soap11	"http://schemas.xmlsoap.org/soap/envelope/"	Defined by SOAP 1.1
soap12	"http://www.w3.org/2005/08/addressing"	Defined by SOAP 1.2

wsdli	"http://www.w3.org/ns/wsdl-instance"	Defined by WSDL 2.0
sca	"http://docs.oasis- open.org/ns/opencsa/sca/200712"	Defined by the SCA specifications

174

175**1.2 Normative References**

176	[RFC2119] S. Bradner, Key words for use in RFCs to Indicate Requirement Levels,
177	http://www.ietf.org/rfc/rfc2119.txt, IETF RFC 2119, March 1997.
178	[SCA-Assembly] http://docs.oasis-open.org/opencsa/sca-assembly/sca-assembly-1.1-spec.html
179	[SCA-JCAA] http://docs.oasis-open.org/opencsa/sca-j/sca-javacaa-1.1-spec.html
180 181	[WSDL11] E. Christensen et al, <i>Web Service Description Language (WSDL) 1.1</i> , http://www.w3.org/TR/2001/NOTE-wsdl-20010315, W3C Note, March 15 2001.
182 183	[WSDL] E. Christensen et al, <i>Web Service Description Language (WSDL) 1.1</i> , http://www.w3.org/TR/2001/NOTE-wsdl-20010315, W3C Note, March 15 2001.
184 185	R. Chinnici et al, Web Service Description Language (WSDL) Version 2.0 Part 1: Core Language, http://www.w3.org/TR/2007/REC-wsdl20-20070626/, W3C Recommendation,
186	June 26 2007.
187	[WSI-Profiles] http://www.ws-i.org/Profiles/BasicProfile-1.1.html
188	http://www.ws-i.org/Profiles/AttachmentsProfile-1.0.html
189	http://www.ws-i.org/Profiles/SimpleSoapBindingProfile-1.0.html
190	http://www.ws-i.org/Profiles/BasicSecurityProfile-1.0.html
191	[JAX-WS] http://jcp.org/en/jsr/detail?id=224
192	[SOAP] http://www.w3.org/TR/2003/REC-soap12-part1-20030624/
193	http://www.w3.org/TR/2000/NOTE-SOAP-20000508/
194	[SOAP12Adjuncts] SOAP Version 1.2 Part 2: Adjuncts (Second Edition)
195	http://www.w3.org/TR/soap12-part2/
196	[WS-Addr] http://www.w3.org/TR/2006/REC-ws-addr-core-20060509/
197	

1981.3 Non-Normative References

199	[WSI-AP]	http://www.ws-i.org/Profiles/AttachmentsProfile-1.0.html
200	[MTOM]	http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/
201	[WS-RM]	http://docs.oasis-open.org/ws-rx/wsrm/200702/wsrm-1.2-spec-cd-01.html

2022 Web Service Binding Schema

The Web Service binding element is defined by the following pseudo-schema.

```
204
      <binding.ws name="xs:NCName"?</pre>
205
                   requires="list of xs:QName"?
206
                   policySets="list of xs:QName"?
207
                   uri="xs:anyURI"?
208
                   wsdlElement="xs:anyURI"?
                   wsdli:wsdlLocation="list of xs:anyURI pairs"?
209
210
211
         <wireFormat/>?
212
         <operationSelector/>?
213
         <endpointReference>...</endpointReference>*
214
215
      </binding.ws>
```

- /binding.ws/@name as defined in the SCA Assembly Specification [SCA-Assembly].
- /binding.ws/@requires as defined in the SCA Assembly Specification [SCA-Assembly].
- /binding.ws/@policySets as defined in the SCA Assembly Specification [SCA-Assembly].
- /binding.ws/@uri the resolution algorithm of Section 2.1 below describes how this attribute is interpreted.
- /binding.ws/@wsdlElement when present this attribute specifies the URI of a
 WSDL element. This attribute points to the specified element in an existing WSDL document. The URI can have the following forms:
- 228 o Service:
- 229 <WSDL-namespace-URI>#wsdl.service(<service-name>)
- In this case, the SCA runtime MUST make all the ports in the WSDL Service that have equivalent portTypes with the SCA service or reference available to the SCA service or reference.
- 233 o Port (WSDL 1.1):
- 234 <WSDL-namespace-URI>#wsdl.port(<service-name>/<port-name>)
- In this case, the port in the WSDL 1.1 Service identified by the <binding.ws>
element MUST implement a portType that is equivalent to the one specified for
the SCA service or reference. The identified port MUST be made available to the
SCA service or reference by the SCA runtime.
- 239 o Endpoint (WSDL 2.0):
- 240 <WSDL-namespace-URI>#wsdl.endpoint(<service-name>/<endpoint-name>)
- In this case, the endpoint in the WSDL 2.0 Service identified by the
element MUST have an equivalent portType with the SCA service or reference.
The identified endpoint MUST be made available to the SCA service or reference by the SCA runtime.

245 246 Binding:

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247 <WSDL-namespace-URI>#wsdl.binding(<binding-name>)

In this case, the WSDL binding identified by the

binding.ws> element MUST implement a portType that is equivalent to the one specified for the SCA service 250 or reference. The SCA runtime MUST make the service or reference available via the specified WSDL binding. In this case, the endpoint address URI for an SCA reference MUST be specified by either the *Quri* attribute on the binding or a WS-Addressing EndpointReference element, except where the SCA Assembly specification states that the @uri attribute can be omitted. The endpoint address URI for an SCA service or the callback element of an SCA reference is determined 256 as specified in section 2.1. For the callback element of an SCA service, the binding MUST NOT specify an endpoint address URI or a WS-Addressing EndpointReference..

- /binding.ws/@wsdli:wsdlLocation when present this attribute specifies the location(s) of the WSDL document(s) associated with specific namespace(s). This attribute MAY be specified by the binding in the event that the <WSDL-namespace-URI> in the 'endpoint' attribute is not dereferencable, or when the intended WSDL document is to be found at a different location than the one pointed to by the <WSDL-namespace-URI>. The use of this attribute indicates that the WSDL binding points to an existing WSDL document. The semantics of this attribute are specified in Section 7.1 of WSDL 2.0 [WSDL].
- 267 /binding.ws/wireFormat - as defined in the SCA Assembly Specification [SCA-268 **Assembly**]. This specification does not define any new wireFormat elements.
- 269 /binding.ws/operationSelector - as defined in the SCA Assembly Specification 270 [SCA-Assembly]. This specification does not define any new operationSelector 271 elements.
- 272 /binding.ws/endpointReference - when present this element provides the WS-273 Addressing [WS-Addr] EndpointReference that specifies the endpoint for the service 274 or reference. When this element is present along with the @wsdlElement attribute on 275 the parent element, the @wsdlElement attribute value MUST be of the 'Binding' form 276 as specified above, i.e. <WSDL-namespace-URI>#wsdl.binding(<binding-name>).
- 277 /binding.ws/@{any} - this is an extensibility mechanism to allow extensibility via 278 attributes.
- 279 /binding.ws/any - this is an extensibility mechanism to allow extensibility via 280 elements.

2812.1 Endpoint URI resolution

- 282 The rules for resolving the URI at which an SCA service is hosted, or SCA reference 283 targets, when used with binding.ws (in precedence order) are:
- 284 The URIs in the endpoint(s) of the referenced WSDL 285 286 The URI specified by the wsa: Address element of the endpoint Reference,
- 287 The explicitly stated URI in the @uri attribute of the binding.ws element, which 2.
- 289 3. The structural URI as defined by the Assembly specification

can be relative,

- 290 An SCA runtime MUST follow rules listed above in determining the URI at which an SCA
- service is hosted or an SCA reference is targeted.
- The URI in the WSDL endpoint or in the wsa:Address of an EPR MAY be a relative URI, in
- which case it is relative to the URI defined in (2) or (3). The wsa:Address element MAY
- be the empty relative URI, in which case it uses the URI defined in (2) or (3) directly.
- 295 This enables the EPR writer to specify reference parameters, metadata and other EPR
- contents while letting the deployer choose the URI.
- 297 To reference a WSDL document and also specify an EPR, the @wsdlElement attribute
- 298 MUST refer to a binding element in the WSDL.

2992.2 Interface mapping

- 300 When binding.ws is used on a service or reference with an interface that is not defined
- 301 by *interface.wsdl*, then a WSDL portType for the service or reference is derived from the
- interface by the rules defined for that SCA interface type. An SCA runtime MUST raise
- an error if the interface does not map to a WSDL portType.
- For example, for *interface.java*, the mapping to a WSDL portType is as defined in the
- 305 SCA Java Common Annotations and API Specification [SCA-JCAA].
- 306 binding.ws implementations can use appropriate standards, for example WS-I AP 1.0
- 307 [WSI-AP] or MTOM [MTOM], to map interface parameters to binary attachments
- 308 transparently to the target component.

309

3102.3 Production of WSDL description for an SCA service

- 311 Any service hosted by an SCA runtime with one or more web service bindings with HTTP
- 312 endpoints SHOULD return a WSDL description of the service in response to an HTTP GET
- 313 request with the "?wsdl" suffix to that HTTP endpoint. If none of the web service
- 314 bindings have HTTP endpoints, then some other means of obtaining the WSDL
- description of the service SHOULD be provided by the SCA runtime. This can include out
- of band mechanisms, for example publication to a UDDI registry.
- Refer to section for a detailed definition of the rules that SHOULD be used for
- 318 generating the WSDL description of an SCA service with one or more web service
- 319 bindings.

320

3212.4 Additional binding configuration data

- 322 SCA runtime implementations MAY provide additional metadata that is associated with a
- web service binding, for example to enable JAX-WS [JAX-WS] handlers to be executed
- 324 as part of the target component dispatch. The specification of such metadata is SCA
- runtime-specific and is outside of the scope of this document.

326

3272.5 Web Service Binding and SOAP Intermediaries

- 328 The Web Service binding does not provide any direct or explicit support for SOAP
- intermediaries [SOAP].

3312.6 Support for WSDL extensibility

- When a binding.ws element uses the @wsdlElement attribute, the details of the binding
- are specified by the WSDL element referenced by the value of the attribute. Per the
- WSDL specification, WSDL allows for extensibility via elements as well as attributes, and
- it specifies rules for processing such elements. This specification does not constrain the
- use of such extensibility in WSDL and relies on the rules specified in the WSDL
- 337 specification for processing such extended elements.
- This specification requires that an SCA runtime MUST support the WSDL extensions
- defined in the namespace associated with the prefix "sca" (as defined in section 1.1).
- 340 Because a WSDL document might contain extension elements that cannot be supported
- by the SCA runtime, when using the @wsdlElement form of binding.ws it is not possible
- to determine whether the binding is supported by the SCA runtime without parsing the
- referenced WSDL element and its dependent elements.

3442.7 Intents listed in the bindingType

- 345 This specification places no requirements on the intents that are listed as either
- @alwaysProvides or @mayProvides in the bindingType for binding.ws.

3472.8 Intents and binding configuration

- 348 The SCA runtime MUST raise an error if the web service binding is configured with a
- policy intent(s) that conflicts with a binding instance's configuration. For example, it is
- an error to use the SOAP policy intent in combination with a WSDL binding that does not
- use SOAP.

3523 Web Service Binding Examples

- The following snippets show the sca.composite file for the MyValueComposite file
- 354 containing the service element for the MyValueService and reference element for the
- 355 StockQuoteService. Both the service and the reference use a Web Service binding.

356

3573.1 Example Using WSDL documents

- This example shows a service and reference using the SCA Web Service binding, using
- existing WSDL documents in both cases. In each case there is a single binding element,
- whose name defaults to the service/reference name.
- The service's binding is defined by the WSDL document associated with the given URI.
- This service conforms to WS-I Basic Profile 1.1.
- The reference's first binding is defined by the specified WSDL service in the WSDL document at the given location. The reference can use any of the WSDL service's ports/ endpoints to invoke the target service. The reference's second binding is defined by the specified WSDL binding. The specific endpoint URI to be invoked is provided via the *@uri* attribute.

```
368
369
       <?xml version="1.0" encoding="ASCII"?>
370
       <composite xmlns="http://docs.oasis-open.org/ns/opencsa/sca/200712"</pre>
371
                  name="MyValueComposite">
372
          <service name="MyValueService">
373
             <interface.java interface="services.myvalue.MyValueService"/>
374
             <binding.ws wsdlElement="http://www.example.org/MyValueService#</pre>
375
                                        wsdl.endpoint(MyValueService/MyValueServiceSOAP
       ) "/>
376
377
378
          </service>
379
380
          <reference name="StockQuoteReference1">
383
             <interface.java interface="services.stockquote.StockQuoteService"/>
384
             <binding.ws wsdlElement="http://www.example.org/StockQuoteService#</pre>
385
                                        wsdl.service(StockQuoteService)"
386
             wsdli:wsdlLocation="http://www.example.org/StockQuoteService
387
                                  http://www.example.org/StockQuoteService.wsdl"/>
388
          </reference>
389
390
          <reference name="StockQuoteReference2">
391
             <interface.java interface="services.stockquote.StockQuoteService"/>
             <binding.ws wsdlElement="http://www.example.org/StockQuoteService#</pre>
393
                                        wsdl.binding(StockQuoteBinding)"
394
             wsdli:wsdlLocation="http://www.example.org/StockQuoteService
395
                                  http://www.example.org/StockQuoteService.wsdl"
396
                             uri="http://www.example.org/StockQuoteService5"/>
397
          </reference>
398
       </composite>
```

3993.2 Examples Without a WSDL Document

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435

The next example shows the simplest form of the binding element without WSDL document, assuming all defaults for portType mapping and SOAP binding synthesis. The service and reference each have a single binding element, whose name defaults to the service/reference name.

The service is to be made available at a location determined by the deployment of this component. It will have a single port address and SOAP binding, with a simple WS-I BasicProfile 1.1 compliant binding, and using the default options for mapping the Java interface to a WSDL portType.

The reference indicates a service to be invoked which has a SOAP binding and portType that matches the default options for binding synthesis and interface mapping. One particular use of this case would be where the reference is to an SCA service with a web service binding which itself uses all the defaults.

```
412
413
       <?xml version="1.0" encoding="ASCII"?>
414
       <composite xmlns="http://docs.oasis-open.org/ns/opencsa/sca/200712"</pre>
415
                  name="MyValueComposite">
416
417
          <service name="MyValueService">
418
             <interface.java interface="services.myvalue.MyValueService"/>
419
             <br/>dinding.ws/>
420
421
          </service>
422
          . . .
          <reference name="StockQuoteService">
426
             <interface.java interface="services.stockquote.StockQuoteService"/>
427
             <binding.ws uri="http://www.example.org/StockQuoteService"/>
428
          </reference>
429
       </composite>
```

The next example shows the use of the binding element without a WSDL document, with multiple SOAP bindings with non-default values. The SOAP 1.2 binding name defaults to the service name, the SOAP 1.1 binding is given an explicit name. The reference has a web service binding which uses SOAP 1.2, but otherwise uses all the defaults for SOAP binding. The reference binding name defaults to the reference name.

```
436
437
       <?xml version="1.0" encoding="ASCII"?>
438
       <composite xmlns="http://docs.oasis-open.org/ns/opencsa/sca/200712"</pre>
439
                  name="MyValueComposite">
440
441
          <service name="MyValueService">
442
             <interface.java interface="services.myvalue.MyValueService"/>
443
             <binding.ws name="MyValueServiceSOAP11" requires="SOAP.1 1"/>
444
             <binding.ws requires="SOAP.1 2"/>
445
446
          </service>
447
448
449
450
          <reference name="StockQuoteService">
451
             <interface.java interface="services.stockquote.StockQuoteService"/>
452
             <binding.ws uri="http://www.example.org/StockQuoteService"</pre>
```

```
453 requires="SOAP.1_2"/>
454 </reference>
455 </composite>
```

456

4573.3 Example PolicySet Providing The Conversation Intent

The following policy set applies to *binding.ws* and provides the conversation intent. The conversation intent is provided by using WS-ReliableMessaging [WS-RM] protocol which has a concept of a Sequence. This Sequence (which appears as a wsrm:Sequence SOAP header in the message) is used as a correlation mechanism, on the wire, to implement conversational semantics.

```
<policySet name="WSRM-Sequence-based-conversation"</pre>
463
464
                  provides="sca:conversation"
                   appliesTo="sca:binding.ws">
465
466
          <wsp:Policy>
467
            <wsrmp:RMAssertion</pre>
468
                        xmlns:wsrmp="http://docs.oasis-open.org/ws-rx/wsrmp/200608"/>
469
          </wsp:Policy>
470
       </policySet>
```

4724 Transport Binding

- 473 The binding ws element provides numerous ways to specify exactly how messages ought
- 474 to be transmitted from or to the reference or service. Those ways include references to
- WSDL binding elements from the @wsdlElement attribute, policy intents, and even
- vendor extensions within the binding.ws element. However, all of those ways to indicate
- 477 how messages get carried happen to be optional. This section describes the defaults to
- be used if the specific transport details are not otherwise specified.

479**4.1 Intents**

- So as to narrow the range of choices for how messages are carried, the following policy intents affect the transport binding:
- 482 SOAF
- This indicates that messages MUST be transmitted using SOAP. One or more SOAP versions can be used.
- 485 SOAP.1 1
- 486 Messages MUST be transmitted using only SOAP 1.1.
- 487 SOAP.1 2
- 488 Messages MUST be transmitted using only SOAP 1.2.

4894.2 Default Transport Binding Rules

4904.2.1 WS-I Basic Profile Alignment

- 491 To align to WS-I Basic Profile, the resulting WSDL port needs to be all document-literal,
- or all rpc-literal binding (R2705). This means, for any given portType, for all messages
- referenced by all operations in that portType, either
- that every message part references an XML Schema type (rpc-literal pattern)
- or that every message references exactly zero or one XML Schema elements (document-literal pattern)
- 497 For a service element, the portType from the service's interface or derived from the
- 498 service's interface MUST fit one of these two patterns. The rest of this section assumes
- 499 the short-hand reference of an "rpc-literal" or "document-literal" pattern, depending on
- which of the two bullet points above it matches.

5014.2.2 Default Transport Binding Rules

- In the event that the transport details are not otherwise determined, an SCA runtime
- 503 MUST enable the following configuration:
- HTTP-based transfer protocol
- Bindings for SOAP 1.1 MUST be provided and additional bindings MAY be provided, unless policy is applied that explicitly restricts this.
- "literal" format as described in section 3.5 of [WSDL11]
- For document literal pattern, each message uses "document" style, as per section 3.5 of [WSDL11].

- For rpc-literal pattern, each message uses "rpc" style, as per section 3.5 of [WSDL11]. In this case, the child elements of the SOAP Body element MUST be namespace qualified with a non-empty namespace name. This namespace SHOULD be the structural URI associated with the binding.
- For SOAP 1.1 messages, the SOAPAction HTTP header described in section 6.1.1 represents the empty string, in quotes ("").
- For SOAP 1.2 messages, the SOAP Action feature described in section 6.5 of [SOAP12Adjuncts] does not appear.
- All WSDL message parts are carried in the SOAP body

5195 Conformance

- 520 Any SCA runtime that claims to support this binding MUST abide by the requirements of
- 521 this specification.
- 522 The normative web services binding XML Schema can be obtained by dereferencing the
- 523 XML Schema namespace, and is also included for convenience in Appendix A. The
- 524 <binding.ws> element MUST be valid according to its XML Schema.

525A. Web Services Binding Schema

```
<?xml version="1.0" encoding="UTF-8"?>
526
527
       <!-- (c) Copyright OASIS 2006, 2008 -->
528
       <schema xmlns="http://www.w3.org/2001/XMLSchema"</pre>
529
           targetNamespace="http://docs.oasis-open.org/ns/opencsa/sca/200712"
530
           xmlns:sca="http://docs.oasis-open.org/ns/opencsa/sca/200712"
531
           xmlns:wsdli="http://www.w3.org/ns/wsdl-instance"
532
           xmlns:wsa="http://www.w3.org/2005/08/addressing"
533
           elementFormDefault="qualified">
534
535
          <import namespace="http://www.w3.org/ns/wsdl-instance"</pre>
536
                   schemaLocation="http://www.w3.org/2007/05/wsdl/wsdl20-
537
       instance.xsd"
538
539
          <import namespace="http://www.w3.org/2005/08/addressing"</pre>
540
                    schemaLocation="http://www.w3.org/2006/03/addressing/ws-addr.xsd"
541
           <include schemaLocation="sca-core.xsd"/>
542
           <element name="binding.ws" type="sca:WebServiceBinding"</pre>
545
                    substitutionGroup="sca:binding"/>
546
           <complexType name="WebServiceBinding">
547
               <complexContent>
548
                   <extension base="sca:Binding">
549
                        <sequence>
550
                            <element name="endpointReference"</pre>
551
                                      type="wsa:EndpointReference"
552
                                      minOccurs="0" maxOccurs="unbounded"/>
553
                            <any namespace="##other" processContents="lax"</pre>
                                 minOccurs="0" maxOccurs="unbounded"/>
554
555
                        </sequence>
556
                        <attribute name="wsdlElement" type="anyURI" use="optional"/>
                        <attribute ref="wsdli:wsdlLocation" use="optional"/>
557
558
                        <anyAttribute namespace="##any" processContents="lax"/>
559
                   </extension>
560
               </complexContent>
561
           </complexType>
562
563
       </schema>
```

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565B. Appendix - WSDL Generation

- Due to the number of factors that determine how a WSDL might be generated, including compatibility with existing WSDL uses, precise details cannot be specified. For example, implementation decisions can affect the way WSDL might be generated. For reference, and consistency, this section suggests non-normative choices for some of the various details involved in generating WSDL. For brevity, the following definitions apply:
- component name = the value of the @name attribute of the component element containing the binding.ws element
- service name = the value of the @name attribute of the service element containing the binding.ws element
- binding name = the value of @name attribute of the binding.ws element, or the default if no @name attribute is present
 - SOAP version = either "SOAP11" or "SOAP12" as appropriate
- With those definitions in place, here are the suggested choices:
- wsdl:definitions/@name = <component name> + "." + <service name>
- wsdl:definitions/@targetNamespace = <structural URI for the service>
- import each WSDL 1.1 portType, rather than putting them inline
- wsdl:binding/@name = <binding name> + <SOAP version> + "Binding"
- wsdl:service/@name = <service name>

577

wsdl:port/@name = <binding name> + <SOAP version> + "Port"

585C. Acknowledgements

586The following individuals have participated in the creation of this specification and are gratefully 587acknowledged:

588Participants:

[Participant Name, Affiliation | Individual Member][Participant Name, Affiliation | Individual Member]

592D. Non-Normative Text

593E. Revision History

594[optional; should not be included in OASIS Standards]

Revision	Date	Editor	Changes Made
1	2007-09-25	Anish Karmarkar	Applied the OASIS template + related changes to the Submission
2	2008-04-02	Anish Karmarkar	* Partially applied the resolution of issue 14 in the conformance section.
			* Applied resolution to issue 9.
			* Applied resolution to issue 15.
			* Applied resolution to issue 16.
			* Applied resolution to issue 10.
			* Applied resolution to issue 8.
			* Applied resolution to issue 3.
3	2008-06-12	Simon Holdsworth	* Completed application of resolution to issue 10
			* Applied most of the editorial changes from Eric Johnson's review
4	2008-08-13	Anish Karmarkar	* Applied rest of Eric Johnson's ed review comments.
			* Applied resolution of issue 13.
			* Reapplied resolution of issue 15 (it was not applied correctly before)
			* Applied resolution of issue 19.
			* Applied resolution of issue 30.
			* Applied resolution of issue 32.
			* Applied resolution of issue 36.
			* Applied resolution of issue 38.
cd01-rev1	2008-10-16	Simon Holdsworth	Applied resolution of issue 41.
cd01-rev2	2008-10-20	Anish Karmarkar	Added rfc2119 statements.
cd01-rev3	2008-11-19	Anish Karmarkar	Incorporated feedback from Bryan, Eric & Dave
cd01-rev3	2008-12-02	Anish Karmarkar	Removed 'required' word associated with description of pseudo-schema + changed section 2.6 (wsdl extensibility) per the TC decision. Both of these were associated with issue 51 (2119 stmts)
cd01-rev5	2009-02-06	Simon Holdsworth	Applied resolution of issue 11
			Applied resolution of issue 49
			Applied action item 20080904-1
cd02	2009-02-16	Simon Holdsworth	Renamed, applied editorial issues
		1	